Automatic Washers

Home Laundry

Operation

Keep These Instructions for Future Reference.
(If this machine changes ownership, this manual must accompany machine.)

Alliance Laundry Systems

www.comlaundry.com

Part No. 38899R7
August 2007

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE. (If the washer changes ownership, be sure this manual accompanies the washer.)

WARNING

For your safety and to reduce the risk of fire or an explosion, do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

W022

IMPORTANT: Read the complete Installation and Operation Instructions before using the washer.

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Safety Information

Explanation of Safety Messages

Throughout this manual and on machine decals, you will find precautionary statements ("DANGER," "WARNING," and "CAUTION") followed by specific instructions. These precautions are intended for the personal safety of the operator, user, servicer, and those maintaining the machine.

DANGER

Indicates an imminently hazardous situation that, if not avoided, will cause severe personal injury or death.

WARNING

Indicates a hazardous situation that, if not avoided, could cause severe personal injury or death.

CAUTION

Indicates a hazardous situation that, if not avoided, may cause minor or moderate personal injury or property damage.

Additional precautionary statements ("IMPORTANT" and "NOTE") are followed by specific instructions.

IMPORTANT: The word "IMPORTANT" is used to inform the reader of specific procedures where minor machine damage will occur if the procedure is not followed.

NOTE: The word "NOTE" is used to communicate installation, operation, maintenance or servicing information that is important but not hazard related.

Important Safety Instructions

Save These Instructions

WARNING

To reduce the risk of fire, electric shock, serious injury or death to persons when using your washer, follow these basic precautions:

W023

1. Read all instructions before using the washer.
2. Refer to the ***Grounding Instructions*** in the Installation manual for the proper grounding of the washer.
3. Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, or other flammable or explosive substances as they give off vapors that could ignite or explode.
4. Do not add gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
5. Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for two weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot water system has not been used for such a period, before using a washing machine or combination washer-dryer, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. THE GAS IS FLAMMABLE. DO NOT SMOKE OR USE AN OPEN FLAME DURING THIS TIME.
6. Do not allow children to play on or in the washer. This appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

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7. Before the washer is removed from service or discarded, remove the lid to the washing compartment.
8. Do not reach into the washer if the washtub or agitator is moving.
9. Do not install or store the washer where it will be exposed to water and/or weather.
10. Do not tamper with the controls.
11. Do not repair or replace any part of the washer, or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.
12. To reduce the risk of an electric shock or fire, DO NOT use an extension cord or an adapter to connect the washer to the electrical power source.
13. Use your washer only for its intended purpose, washing clothes.
14. ALWAYS disconnect the washer from electrical supply before attempting any service. Disconnect the power cord by grasping the plug, not the cord.
15. Install the washer according to the Installation Instructions. All connections for water, drain, electrical power and grounding must comply with local codes and be made by licensed personnel when required. Do not do it yourself unless you know how!
16. To reduce the risk of fire, clothes which have traces of any flammable substances such as vegetable oil, cooking oil, machine oil, flammable chemicals, thinner, etc. or anything containing wax or chemicals such as in mops and cleaning cloths, must not be put into the washer. These flammable substances may cause the fabric to catch on fire by itself.
17. Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
18. Keep your washer in good condition. Bumping or dropping the washer can damage safety features. If this occurs, have your washer checked by a qualified service person.
19. If the supply cord is damaged, it must be replaced with a special cord or assembly available from the manufacturer or its service agent.
20. Be sure water connections have a shut-off valve and that fill hose connections are tight. CLOSE the shut-off valves at the end of each wash day.
21. Lid MUST BE CLOSED any time the washer is to agitate or spin. DO NOT by-pass the lid switch by permitting the washer to agitate or spin with the lid open. A brake will stop the washtub within seconds if the lid is opened during spinning. If the washtub does not stop when the lid is opened, remove the washer from use and call the service person.
22. Always read and follow manufacturer's instructions on packages of laundry and cleaning aids. Heed all warnings or precautions. To reduce the risk of poisoning or chemical burns, keep them out of the reach of children at all times (preferably in a locked cabinet).
23. Always follow the fabric care instructions supplied by the garment manufacturer.
24. Never operate the washer with any guards and/or panels removed.
25. DO NOT operate the washer with missing or broken parts.
26. DO NOT by-pass any safety devices.
27. Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

NOTE: The WARNING and Important Safety Instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when installing, maintaining, or operating the washer.

Always contact your dealer, distributor, service agent or the manufacturer about any problems or conditions you do not understand.

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Operation

Loading the Washer

NOTE: Always add detergent first. Refer to instructions for use on detergent packaging.

Load Articles

Load items by the amount of space they take up, not by their weight. Mix large and small items in a load to get the best washing results.

Drop items loosely into the washtub. The bulk of the clothes rather than the weight will determine load size. Do not pack items in or wrap them around the agitator. Overloading can cause poor cleaning, excessive wrinkling, and tears.

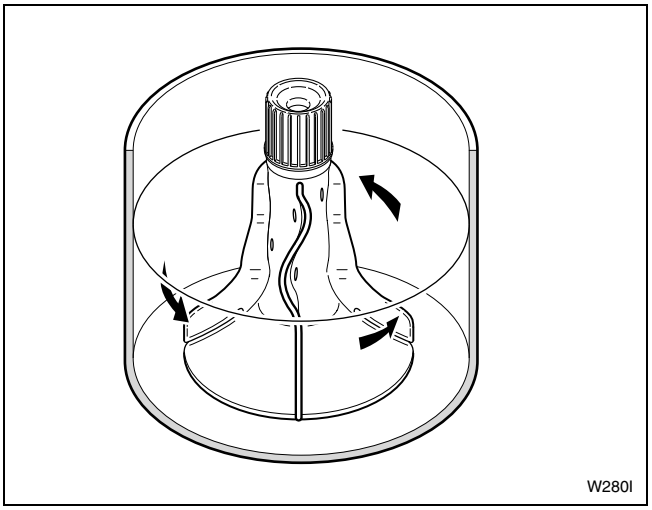

Figure 1

Items should move freely through the wash water for best cleaning results. Items should rollover, sink and then reappear.

When washing very large items, do not fill washtub as full as with other loads.

Load Sizes

Small

3-4 perm. press dress shirts
OR
1 twin sheet, 1 pillow case
OR
1-2 lightweight dresses

Medium

6-7 perm. press shirts
OR
2 twin sheets, 2 pillow cases
OR
8 standard bath towels,
6 wash cloths

Large

10-11 perm. press shirts
OR
2 full size sheets, 2 pillow cases,
2 pair men's pajamas
OR
12 standard bath towels,
4 hand towels, 4 wash cloths

Extra Large (OPTIONAL)

8-9 shirts and
5 pair polyester pants
OR
2 queen size sheets,
4 pillow cases, 2 nightgowns
1 pair men's pajamas
OR
1 queen size bedspread

Reset (OPTIONAL)

Use the RESET if agitation has started and more water is needed for the load.

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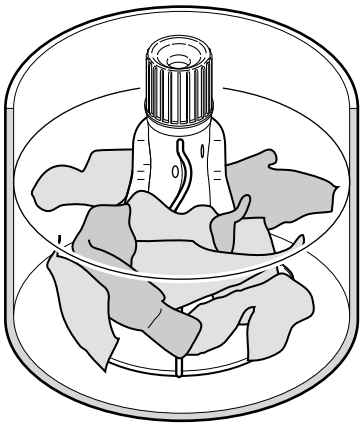
Water Level



RIGHT

W281I

Figure 2

WRONG

W282I

Figure 3

The water level in your washer should fit the size of your wash load. Small loads will use lower water levels. There must be enough water in the washtub to allow items to move and turn over freely.

Overloading the washtub can result in poor washing and rinsing. Overloading may also cause wrinkling and tearing of items.

IMPORTANT: If in doubt, always use a higher water level. Most average loads will require a water setting of *Large*. Failure to have the correct volume of water relative to the load will increase the incidence of excessive lint.

Water

Water Hardness

Hard water will not remove soil as well as soft water and can result in gray, dingy laundry. To get clothes clean in hard water, use a phosphate detergent or use more detergent if using a non-phosphate detergent. Do not use soap.

Hard Water May Be Softened By:

1. A mechanical water softener installed in your home.
2. The use of a packaged water conditioner.

Soft Water

Water should be soft enough to allow soaps and detergents to remove soil effectively. Clothes will be whiter and brighter when washed and rinsed in soft water.

Wash Temperature

Hot Water

Hot water will give the best results of cleaning and sanitizing, but it is not suitable for all items. It is best for sturdy whites and colorfast items, heavily soiled items and diapers.

Warm Water

By using warm water, there is less chance of color loss in items. Warm water also reduces wrinkling in permanent press items. Use with light and moderate soils, non-colorfast or dark colors, permanent press, silks, woolens, nylon, and acrylic.

Cold Water

Cold water is less effective in cleaning than hot or warm water, but it does minimize wrinkling and color fading. Use it for washing extra-sensitive clothes and for the rinsing of all fabrics.

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Energy

You can save energy when washing by following a few guidelines:

1. Heating water accounts for the greatest energy expense when washing. Save on heating water by using warm or cold washes as well as cold rinses.
2. Wash full loads, but do not overload.
3. Use soak cycles for heavily soiled items to reduce wash times.
4. Select a shorter wash time for lightly soiled items.

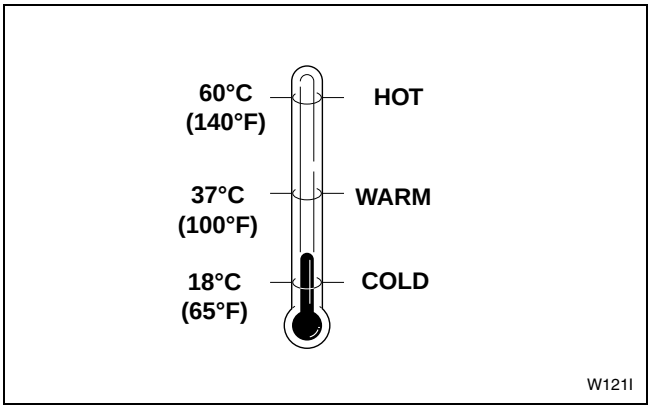

Figure 4

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Laundry Tips

Laundry Aids	Use	Comments
Soak/Pretreat Products	• Use a soaking agent and follow steps under ***To Wash Clothes*** section or soak overnight to remove stains and soils. • Always follow manufacturer's instructions with any pretreatment product.	• Do not use a soaking agent with chlorine bleach. • Do not use pretreaters around the washer or dryer control panel. They may harm the finish or panel markings.
Detergents/ Soaps	• You may use detergent or soap in your washer. The determining factor is the hardness of the water. Always use detergent if the water is over three grains hard.	• Always put detergent or soap into wash tub before loading the clothes. • Soap and nonphosphate powdered detergents will not give good washing results in hard water. Soap in hard water will form sticky deposits. • The use of powdered soap is not recommended when washing in cold water.
Bleaches	• Use to remove certain stains, disinfect, and keep clothes white. • Use bleach in the wash water only. Do not use bleach in the rinse. • Follow directions on care label of garment. • Bleach should not be used as a substitute for detergent. Use the recommended amount of bleach.	• When using liquid chlorine bleach, always use the bleach dispenser. • Always measure the bleach. Never exceed one cup of bleach per full load. • Never use chlorine bleach and ammonia in the same wash cycle.
Fabric Softeners	• Use to soften clothes and remove static electricity from permanent press knits and other fabrics of man-made fibers. • Add during the rinse cycle, or if available, use the fabric softener dispenser, using no other product in the rinse. Follow bottle directions carefully.	• Undiluted fabric softener poured directly on clothes can stain them. • Do not mix with detergent or bleach.
Water Conditioners Non-Precipitating Type	• These products soften water by tying up the hardness minerals. Recommended if using soap with water over three grains hard, or when using nonphosphate detergents.	
Precipitating Type	• These products settle out hardness minerals by converting them into particles that will not dissolve in the water. If used with nonphosphate detergent or soap in hard water, a deposit may form on the clothes and washer parts.	• Do not use with nonphosphate detergents or soaps.

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Washing Temperature Guide

Water Temperature	Use	Comments
HOT (approx. 60°C [140°F])	• Sturdy whites and colorfast items. • Work clothes. • Soiled items. • Diapers.	• Best cleaning for heavily soiled items. • Best for sanitizing.
WARM (approx. 37°C [100°F])	• Rinsing of some items (OPTIONAL). • Light and moderately soiled items. • Non-colorfast or dark colors. • Permanent press. • Silks, woolens, nylon, acrylic.	• Reduces wrinkling in permanent press fabrics. • Less fading. • Reduces shrinking in knits.
COLD (approx. 18°C [65°F])	• Rinsing of most items. • Non-colorfast fabrics. • Extra sensitive clothing.	• Saves energy. • Reduces color fading. • Reduces wrinkling. • Reduces shrinking.

Table 1

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Optional Features

Bleach Dispenser

The bleach dispenser is located in the left front corner, under the lid.

Use liquid bleach in the dispenser. Powdered bleach must not be used in the dispenser. Add powdered bleach to the wash water.

Use no more than one cup chlorine bleach for large loads, three-quarters cup for medium and one-half cup for small loads.

Carefully pour recommended amount of bleach into the dispenser during the first fill of the washer.

Be careful not to spill undiluted bleach. It is a strong chemical and can damage some fabrics if it is not properly diluted.

Fabric Softener Dispenser

To Use Dispenser

After the clothes are loaded into the washtub and before the start of the WASH cycle, pour the proper amount of liquid fabric softener into the bottle measuring cap (see bottle directions). Pour into dispenser.

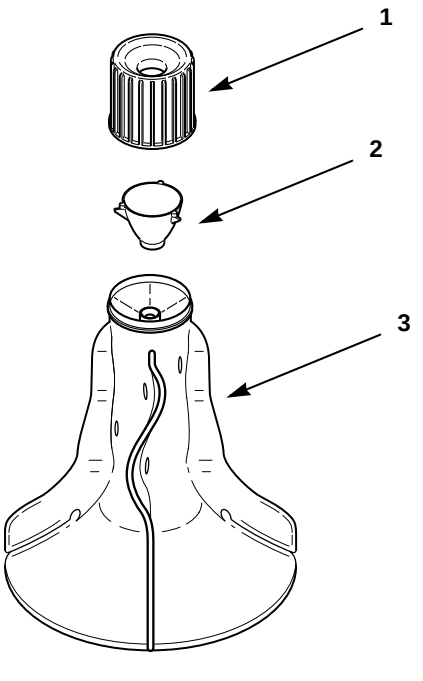
The large fabric softener dispenser allows for the fabric softener to be diluted with water. We recommend adding water up to the fill level. Do not exceed tip of arrow, which indicates correct fill level. Over-filling can allow fabric softener to spill onto the clothes.

Setting the water level to medium or higher will result in better performance from the fabric softener.

The fabric softener will remain in the dispenser during the wash fill, agitation and spin. At the end of the wash spin, the liquid fabric softener will be dispensed into the washtub through the slots in the agitator and will be mixed with the incoming rinse water.

To Clean the Dispenser

Remove the dispenser housing from agitator by squeezing the lower part of the dispenser, pulling directly upward and at the same time tilting slightly. This will expose the dispenser cup, which is also removable for cleaning (refer to *Figure 5*). Both housing and cup can be soaked in hot soapy water and rinsed clean. The funnel shape in top of agitator also needs to be cleaned. The hole and the slots in the two rings will require using a small brush for proper cleaning.



1 Dispenser Housing
2 Dispenser Cup
3 Agitator

Figure 5

After cleaning, install dispenser cup, then push dispenser housing directly downward onto top of agitator until firmly snapped together.

Use Tips

- Fabric softener spilled onto garments may cause staining. To remove, soak in a soapy solution made from Sard Wonder Soap or rub the stain with a bar of Sard, then wash.
- Liquid fabric softeners will be dispensed during the final rinse and should not be combined with bleach, bluing, starch, detergents, soaps or packaged water conditioners.
- Fabric softener is not to be used in dispenser when using Prewash cycle, if available.
- When adding detergent to wash water, do not allow any to enter into softener dispenser cup, as softener will become gummy.

To prevent softener buildup, the dispenser can be filled with clean water for automatic cleaning. This can be done in washing cycles other than when softener is used.

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Determine Proper Cycle

WARNING

To reduce the risk of fire, electric shock, serious injury or death to persons, read the *Safety Information* section before operating your washer.

W026R2

Regular

Use for sturdy items, like play or work clothes, towels, T-shirts, etc. The wash time selection will depend on the type of fabric and the amount of soil. For the best results when cleaning heavily soiled items, use a longer wash time (15 minutes maximum). Lightly soiled items require less wash time.

There are three settings in the REGULAR cycle — Extra Clean, Normal and Light. The number shown next to these settings is the length of agitation in minutes. (For example: Setting the timer on Extra Clean will be a 15 minute agitation).

Permanent Press Cycle

Use for permanent press items and synthetics. The wash time selection will depend upon the type of fabric and amount of soil.

There are two settings in the PERMANENT PRESS cycle — Normal and Light. The number shown next to these settings is the length of agitation in minutes. (For example: Setting the timer on Normal will be a nine minute agitation).

Delicate

Wash delicate items usually washed by hand on this cycle. A full tub of water is recommended (even for small loads) to allow the delicate items to move freely through the water. More water helps reduce fabric wear, wrinkling, and provides for a clean wash.

There are two settings in the DELICATE cycle — Normal and Light. The number shown next to these settings is the length of time in minutes. (For example: Setting the timer on Normal will be nine minutes including short periods of agitation and long periods of soaking.)

To Wash Clothes

IMPORTANT: Before using your new washer, make sure the washer cord is plugged into an electrical outlet that has the proper grounding and polarity. Make sure the washer hoses are connected to the hot and cold water faucets, and that the faucets are turned on. Be sure the drain hose is not kinked and is inserted into a drain. See the Installation Instructions for details of proper washer installation.

IMPORTANT: Prior to first wash, use an all purpose cleaner, or a detergent and water solution, and a damp cloth to remove shipping dust from inside of washtub.

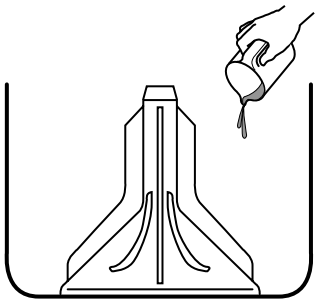
IMPORTANT: Remove all sharp objects from laundry to avoid tears and rips to items during normal machine operation.

1. Get the clothes ready for washing. Empty pockets and cuffs. Sort items into separate loads. Pretreat stains and heavily soiled areas.

D305I

Figure 6

2. Measure and add detergent to the washtub.



W395I

Figure 7

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3. Add clothes loosely into the washtub.

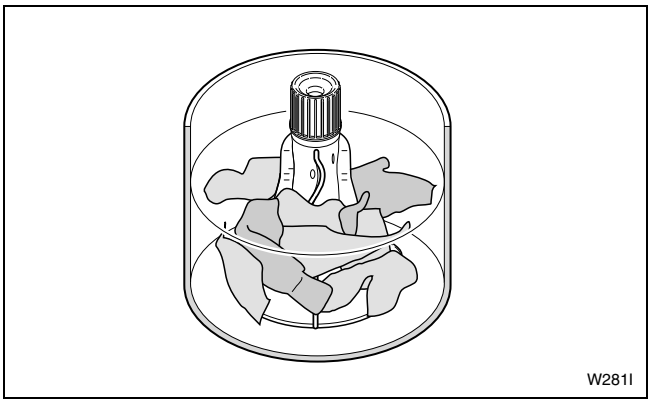

Figure 8

4. Close the lid. The washer will not agitate or spin with the lid open.

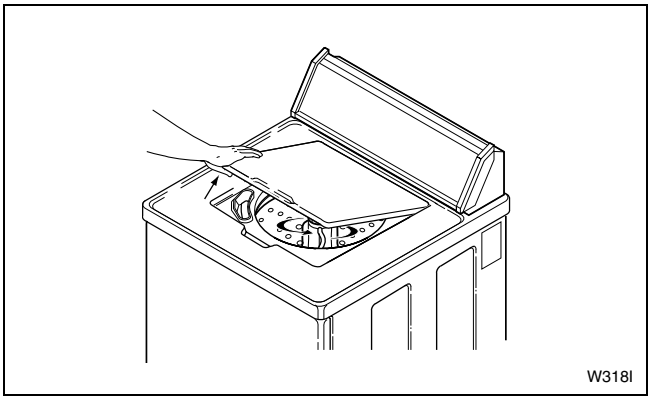

Figure 9

5. Set WASH/RINSE temperatures.

NOTE: The washer will provide a cold rinse in all TEMPERATURE settings. Cold rinses will save you money and energy and will help reduce wrinkling in permanent press and synthetics.

NOTE: The Energy Saver settings, marked with a dot (•), show which temperature settings will use the least energy.

6. Set LOAD SIZE (WATER LEVEL) control. Use RESET if agitation has started and more water is needed.

IMPORTANT: Holding the LOAD SIZE (WATER LEVEL) control in the RESET position can cause flooding of the washer.

7. Select the cycle according to the type of fabric being washed. Push the timer knob in and turn clockwise to the desired cycle and wash time.
8. Pull the timer knob out to start the water fill. Agitation will begin when the water reaches the level you selected.

   The washer will stop (pause) shortly before the wash and rinse spins. Do not turn the timer through these pauses. They are part of the cycle.

Timer

Although the washer cycles are automatic, the timer may be reset to lengthen, shorten or repeat a portion of a cycle.

To set or reset the timer, push timer knob in to stop the washer. Hold timer knob in firmly while turning it clockwise to the setting desired. Pull timer knob out to start the washer.

Soaking

Set the timer knob in the center of the word “RINSE” (this prevents the washer from spinning without first filling with water). Place the soaking product and clothes load in the washtub. Pull timer knob to start washer fill. After fill is completed and agitation has started, push the timer knob in. This will stop the washer. When the clothes have soaked the desired length of time, TURN THE TIMER KNOB TO THE END OF THE RINSE SETTING, then pull the timer knob out to start the spin.

CAUTION

Failure to turn the timer knob to the spin cycle and completely draining the washtub after soaking will result in the washer overflowing and causing property damage.

W256

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Maintenance

User-Maintenance Instructions

Cold Weather Care

If the washer is delivered on a cold day (below freezing), or is stored in an unheated room or area during the cold months, do not attempt to operate it until the washer has had a chance to warm up.

Care of Your Washer

Use only a damp or sudsy cloth for cleaning the control panel. Some cleaning product sprays may harm the finish on the control panel or damage the interior of the hood.

Wipe the washer cabinet as needed. If detergent, bleach or other washing products are spilled on the cabinet, wipe immediately. Some products will cause permanent damage if spilled on the cabinet.

Do not use scouring pads or abrasive cleansers.

The washtub will need no particular care though it may need rinsing or wiping after an unusual load has been washed. This also may be necessary if too little detergent has been used.

Leave the lid open to allow the inside of the washer to dry out after use. This helps prevent musty odors from developing.

Replacing Hoses

Hoses and other natural rubber parts deteriorate after extended use. Hoses may develop cracks, blisters or material wear from the temperature and constant high pressure they are subjected to.

All hoses should be checked on a yearly basis for any visible signs of deterioration. Any hose showing the signs of deterioration listed above should be replaced immediately. All hoses should be replaced every five years.

Filter Screens

Check the filter screens in the fill hoses for debris or damage annually. Clean or replace them if necessary.

If the washer is filling with water slower than normal, check the filter screens. Clean or replace them if necessary.

Order filter screen Part No. F270300 from the nearest authorized parts distributor.

Vacations and Extended Non-Use

IMPORTANT: To avoid possible property damage due to flooding, turn off the water supply to the washer whenever there will be an extended period of non-use.

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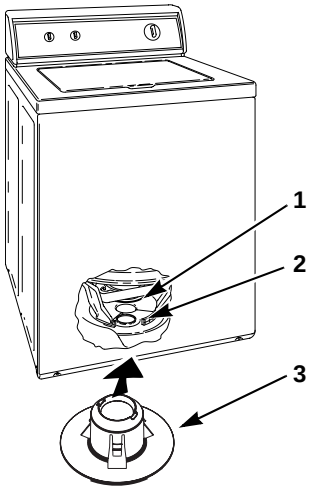
Reinstallation of Shipping Materials

Shipping Brace

The shipping brace in the lid opening should be **saved** and reinstalled whenever the washer is moved. To reinstall the brace, open the washer lid and place the brace over the washer agitator, placing the back of the brace into the washtub first.

Shipping Plug

The plastic shipping plug should be saved and reinstalled any time the washer is moved. The plug fits into two openings: the base opening and the shipping plug opening on the bottom of the mobile pivot dome. The plug MUST be inserted into both openings to prevent damage to the washer. In order to accomplish this, the shipping plug opening must be directly lined up with the base opening. Refer to *Figure 10*.



1	Shipping Plug Opening
2	Base Opening
3	Shipping Plug

Figure 10

Motor Overload Protector

This internal overload protector will stop the motor automatically in the event of an overload. The overload protector will reset itself in two or three minutes and the motor will restart automatically. If the overload protector stops the motor again, remove the washer from use and call the service person to correct the problem.

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Before You Call for Service

If the Washer:

Won't Fill	Won't Start	Won't Agitate	Won't Spin	Possible Reason – Do This to Correct
•	•	•	•	Be sure power cord is plugged all the way into the electrical outlet.
	•	•	•	Close the lid.
•	•	•	•	Check the house fuse or circuit breaker.
•	•	•	•	Has the motor overload protector cycled?
•				Turn on the hot and cold water faucets.
•	•	•	•	Pull timer knob out to start the washer.
•				Was the last spin completed?
•				Clean the screens in the water mixing valve and the filter screens in the fill hoses.
•				Water is siphoned from the washer during the cycle. Refer to the Installation Instructions supplied with the washer. Review step for installing drain hose.
•	•			Are controls properly set?
		•	•	Broken drive belt. Call the service person.

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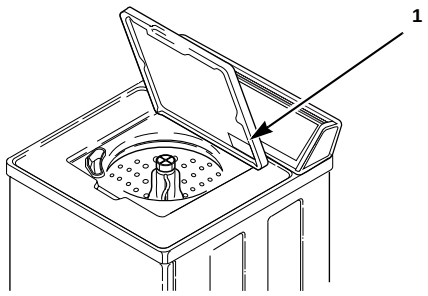
If Service Is Required

If service is required, contact the nearest Factory Authorized Service Center.

If you are unable to locate an authorized service center or are unsatisfied with the service performed on your washer, contact:

Alliance Laundry Systems
Shepard Street
P.O. Box 990
Ripon, Wisconsin 54971-0990
Phone: (920) 748-3121



1 Nameplate

Figure 11

When calling or writing about your washer, PLEASE GIVE THE MODEL AND SERIAL NUMBERS. The model and serial numbers are located on the nameplate. The nameplate will be in the location shown in *Figure 11*. Please include a copy of your bill of sale and any service receipts you have.

WARNING

To reduce the risk of serious injury or death, DO NOT repair or replace any part of the unit or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.

W025E

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Information for Handy Reference

Alliance Laundry Systems
Shepard Street
P.O. Box 990
Ripon, WI 54971-0990
U.S.A.

Date Purchased _____

Model Number _____ Serial Number _____

Dealer's Name _____

Dealer's Address _____ Phone Number _____

Service Agency _____

Service Agency Address _____ Phone Number _____

NOTE: Record the above information and keep your sales slip. Model and serial numbers are located on the nameplate.

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